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EG&G ROCKY FLATS, INC. ROCKY FLATS PLANT, P.O. BOX 464, GOLDEN, COLORADO 80402-0464 (303) 966-7000

JUL 25 1990

JWL-10-90

William P. Lynott Vice President & Denver Area Manager Roy F. Weston, Inc. 215 Union Blvd., Suite 600 Lakewood, Co. 80228

UNCHARACTERIZED INVESTIGATIVE MATERIAL STORED IN DRUMS NEAR THE DECON PAD AT ROCKY FLATS PLANT

On June 21, 1990 the Environmental Protection Agency (EPA) determined that there was incomplete documentation concerning the origin of investigative material (drill cuttings from boreholes) stored near the decon pad at the Rocky Flats Plant. Since August 1989 uncharacterized drill cuttings have been drummed and stored near the decon pad until the boreholes have been characterized. Standard operating procedures (SOPs) were in place at the time that detailed the documentation procedures necessary to properly accomplish this task.

In November of 1989 EG&G instructed Roy F. Weston, Inc. (Weston) to label the drums with sequential numbers. Weston responded by labeling all the drums present at the time in the storage area with ink marker. During the winter of 1989 - 1990 inspection by EG&G revealed that the information marked on the drums was fading and was hard to read. At that time Weston corrected the situation by permanently relabeling the drums with paint. The original markings on 6 drums had totally faded beyond recognition and in addition portions of the markings had also faded on a number of the drums.

In March EG&G requested a detailed drum inventory. In response Weston compiled a drum inventory log on March 16, 1990 that contained the date the drum was filled, the borehole from which the cuttings originated, the field engineer/geologist's initials, and the sequence number of the drum. A copy of the drum inventory log is attached.

Finally on June 21, 1990 the EPA determined that there was incomplete documentation concerning the origin of the material contained in the drums. Since the EPA determination, Weston has supplied EG&G with additional documentation that unfortunately has not clarified the origin of the uncharacterized material contained in the drums.



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At present there are a total of 25 drums that cannot be traced with proper documentation back to their source boreholes. Six of these drums are the drums that had totally faded original ink marker labels. These drums are: 22, 54, 55, 56, 60, and 62. In addition there are 19 other drums listed on the drum inventory log that have questionable or missing borehole entries. These drums are: 1, 2, 10, 19, 20, 57, 59, 65, 71, 73, 74, 78, 79, 80, 81, 85, 87, 88, and 89. Weston is directed to sample and characterize these 25 drums at once. The costs associated with this task are to be borne by Weston.

← J. M. Kersh, Associate General Manager

Environmental Restoration & Waste Management

JMK:la

Attachment:

As Stated

cc:

M.B.Arndt

P.Backes

M.L.Brogden

W.S.Busby

J.E.Evered

P.F.Folger

T.C.Greengard

J.W. Langman

G.W. Litus

G.L.Underberg

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V 70	DECON SLUDGE	9/25/8				
71	Cww	8/25/89	No cuele #			
72	SPC	8/12/89	BH 6640	789		
73	ÇMM	8/21/69	_			
74	CMM	8/25189				
V 75	DECON SLUDGE	9/25/89				
1. 76	550	9/13/89	PZ5489			
1, 77	SPC	9/13/59	P25489			
÷8	SFC	(11.57	·· 5	8		
79	CMM		ζ.	\$		
80	CMM	8/24/89		(
. 81	SPC	8/73/89	1	#		
V 8.5	CMM	10/11/80	PZ 3189	10/12/89		
V 83	CMM	10/17/89	PZ0789			
V 84	WIVH	9/19/89	PZGSET			
85	TIAL	., ., .	32	810:1		
186	TAL	11/14/89	BZ 18689	Jor 5		
87	SPC	8/23/89		J.A. 3		
88	SPC	9/24/89				
O O R G	SPC	9/24/89				
7. 90	5.re	9/13/89	P725459			
7, 91	5.C	9/13/59	CZ 5489			
V 92						
V 92 Sell for ATTER con core RADS MIRELES						